NOV 2 0 2008	15. no perso		PTO/SB/21 (10-08) Approved for use through 11/30/2008 OMB 0651-0031 Patent and Trademark Office; U.S. DEPARTMENT OF COMMERCE lection of information unless it displays a valid OMB control number.		
MADO	•	Application Number	10699,210		
TRANSMITTAL		Filing Date	10/31/2003		
FORM		First Named Inventor	BINTORO, Jemmy Sutanto		
		Art Unit	2832		
(to be used for all correspondence after initia	al filing)	Examiner Name	ROJAS, Bernard		
Total Number of Pages in This Submission	3	Attorney Docket Number	GTRC132		

ENCLOSURES (Check all that apply)										
	Fee Tran	smittal For	m		Drawing(s)				After A	Allowance Communication to TC
	√ Fe	ee Attache	d		Licensing-rel	ated Papers				I Communication to Board leals and Interferences
	Express A	fter Final ffidavits/de n of Time R Abandonm	claration(s) Request ent Request ure Statement	Petition Petition to Convert to Provisional Application Power of Attorney, Rechange of Correspond Terminal Disclaimer Request for Refund CD, Number of CD(s) Landscape Tab			e Address	462	Proprie Status Other below)	e(s) Transmittal; Check No. ertificate of Mailing; and
	Reply to I	Missing Pa te Applicati eply to Mis	rts/	Rem	narks					
SIGNATURE OF APPLICANT, ATTORNEY, OR AGENT										
Firm N	Firm Name Troutman Sanders LLP									
Signat	Signature VMATA									
Printe	Printed name Trenton A. Ward									
Date		18 Nover	mber 2008				Reg. No.	59,15	7	
CERTIFICATE OF TRANSMISSION/MAILING										
I hereby certify that this correspondence is being facsimile transmitted to the USPTO or deposited with the United States Postal Service with sufficient postage as first class mail in an envelope addressed to: Commissioner for Patents, P.O. Box 1450, Alexandria, VA 22313-1450 on the date shown below:										
Signat	Signature Council P. Dipart									
Typed or printed name Candice P. Dys			sart		1			Date	18 November 2008	

This collection of information is required by 37 CFR 1.5. The information is required to obtain or retain a benefit by the public which is to file (and by the USPTO to process) an application. Confidentiality is governed by 35 U.S.C. 122 and 37 CFR 1.11 and1.14. This collection is estimated to 2 hours to complete, including gathering, preparing, and submitting the completed application form to the USPTO. Time will vary depending upon the individual case. Any comments on the amount of time you require to complete this form and/or suggestions for reducing this burden, should be sent to the Chief Information Officer, U.S. Patent and Trademark Office, U.S. Department of Commerce, P.O. Box 1450, Alexandria, VA 22313-1450. DO NOT SEND FEES OR COMPLETED FORMS TO THIS ADDRESS. SEND TO: Commissioner for Patents, P.O. Box 1450, Alexandria, VA 22313-1450.

Certificate of Transmission under 37 CFR § 1.8



MAIL STOP ISSUE FEE Commissioner for Patents P.O. Box 1450 Alexandria, VA 22313-1450

on 18 November 2008

Date

Cardice P. Orre	74
Signat	ure
Candice P.	
Typed or printed name of p	erson signing Certificate
	404.885.3562
Registration Number, if applicable	Telephone Number

Note: Each paper must have its own certificate of mailing, or this certificate must identify each submitted paper. This Submission includes:

- 1. Transmittal (1 pg.)
- 2. Part B- Fee Transmittal (1 pg.)
- 3. Check No. 462300 (\$1020.00)
- 4. Certificate of Mailing (1 pg.)
- 5. Return Postcard

Inventor: BINTORO, Jemmy Sutanto et al.

Title: SINGLE SUBSTRATE ELECTROMAGNETIC ACTUATOR

US Serial No.: 10/699,210 Filing Date: 31 October 2003 Attorney Docket No.: GTRC132 PART B - FEE(S) TRANSMITTAL

Complete and send this form the with applicable fee(s), to: Mail Mail Stop ISSUE Commissioner for Patents P.O. Box 1450 Alexandria, Virginia 22313-1450 NOV 2 0 2008 or Fax (571)-273-2885 INSTRUCTIONS: This form should be used for transpring the ISSUE FEE and PUBLICATION FEE (if required). Blocks 1 through 5 should be completed where appropriate. All further correspondence including the Point, advance orders and notification of maintenance fees will be mailed to the current correspondence address as indicated unless corrected below or discord otherwise in Block 1, by (a) specifying a new correspondence address; and/or (b) indicating a separate "FEE ADDRESS" for maintenance fee notifications. Note: A certificate of mailing can only be used for domestic mailings of the Fee(s) Transmittal. This certificate cannot be used for any other accompanying papers. Each additional paper, such as an assignment or formal drawing, must have its own certificate of mailing or transmission. CURRENT CORRESPONDENCE ADDRESS (Note: Use Block 1 for any change of address) 6980 7590 09/24/2008 Certificate of Mailing or Transmission I hereby certify that this Fee(s) Transmittal is being deposited with the United States Postal Service with sufficient postage for first class mail in an envelope addressed to the Mail Stop ISSUE FEE address above, or being facsimile transmitted to the USPTO (571) 273-2885, on the date indicated below. TROUTMAN SANDERS LLP 600 PEACHTREE STREET, NE ATLANTA, GA 30308 11/20/2008 RFEKADHE 00000042 10699210 (Depositor's name (Signature) (Date CONFIRMATION NO ATTORNEY DOCKET NO APPLICATION NO. FILING DATE FIRST NAMED INVENTOR GTRC132 2791 10/699,210 10/31/2003 Jemmy Sutanto Bintoro TITLE OF INVENTION: SINGLE SUBSTRATE ELECTROMAGNETIC ACTUATOR 11/20/2006 RFEKADU2 00000043 201507 10699210 35.00 DA 720.00 OP 01 FC:2501 PREV. PAID ISSUE FEE TOTAL FEE(S) DUE DATE DUE PUBLICATION FEE DUE **SMALL ENTITY ISSUE FEE DUE** APPLN. TYPE \$0 \$1020 12/24/2008 nonprovisional YES \$720 \$300 **EXAMINER ART UNIT CLASS-SUBCLASS** ROJAS, BERNARD 2832 335-078000 1. Change of correspondence address or indication of "Fee Address" (37 CFR 1.363). 2. For printing on the patent front page, list Trenton A. Ward, Esq. (1) the names of up to 3 registered patent attorneys or agents OR, alternatively, ☐ Change of correspondence address (or Change of Correspondence Address form PTO/SB/122) attached. 2<u>Ryan A. Schneider, E</u>sq. (2) the name of a single firm (having as a member a registered attorney or agent) and the names of up to 2 registered patent attorneys or agents. If no name is Tree Address" indication (or "Fee Address" Indication form PTO/SB/47; Rev 03-02 or more recent) attached. Use of a Customer 3 Troutman <u>Sanders LLP</u> listed, no name will be printed. Number is required. 3. ASSIGNEE NAME AND RESIDENCE DATA TO BE PRINTED ON THE PATENT (print or type) PLEASE NOTE: Unless an assignce is identified below, no assignce data will appear on the patent. If an assignce is identified below, the document has been filed for recordation as set forth in 37 CFR 3.11. Completion of this form is NOT a substitute for filing an assignment. (B) RESIDENCE: (CITY and STATE OR COUNTRY) (A) NAME OF ASSIGNEE Atlanta, GA Georgia Tech Research Corp. Please check the appropriate assignce category or categories (will not be printed on the patent): 🔲 Individual 🖾 Corporation or other private group entity 🚨 Government 4b. Payment of Fee(s): (Please first reapply any previously paid issue fee shown above) 4a. The following fcc(s) are submitted: Issue Fee A check is enclosed. Publication Fee (No small entity discount permitted) ☐ Payment by credit card. Form PTO-2038 is attached. 🔀 The Director is hereby authorized to charge the required fec(s), any deficiency, or credit any Advance Order - # of Copies overpayment, to Deposit Account Number 20-1507 (enclose an extra copy of this form). 5. Change in Entity Status (from status indicated above) b. Applicant is no longer claiming SMALL ENTITY status. See 37 CFR 1.27(g)(2). a. Applicant claims SMALL ENTITY status. See 37 CFR 1.27. NOTE: The Issue Fee and Publication Fee (if required) will not be accepted from anyone other than the applicant; a registered attorney or agent; or the assignee or other party in interest as shown by the records of the United States Patent and Trademark Office.

18 Nov. 2008 Authorized Signature Registration No. 59,157 Typed or printed name Trenton A. Ward

This collection of information is required by 37 CFR 1.311. The information is required to obtain or retain a benefit by the public which is to file (and by the USPTO to process) an application. Confidentiality is governed by 35 U.S.C. 122 and 37 CFR 1.14. This collection is estimated to take 12 minutes to complete, including gathering, preparing, and submitting the completed application form to the USPTO. Time will vary depending upon the individual case. Any comments on the amount of time you require to complete this form and/or suggestions for reducing this burden, should be sent to the Chief Information Officer, U.S. Patent and Trademark Office, U.S. Department of Commerce, P.O. Box 1450, Alexandria, Virginia 22313-1450. DO NOT SEND FEES OR COMPLETED FORMS TO THIS ADDRESS. SEND TO: Commissioner for Patents, P.O. Box 1450, Alexandria, Virginia 22313-1450.

Under the Paperwork Reduction Act of 1995, no persons are required to respond to a collection of information unless it displays a valid OMB control number.